CLAIMS

What is claimed is:

1. A method of enhancing foam properties and skin compatibility of a cleaning composition, said method comprising:

(a) providing a cleaning composition comprising an alk(en)yl oligoglycoside;

(b) providing a hydroxycarboxylic acid partial ester; and

(c) combining the cleaning composition and the hydroxycarboxylic acid partial ester.

2. The method according to claim 1, wherein the hydroxycarboxylic acid partial ester comprises an ester of a hydroxycarboxylic acid having from 1 to 6 carbon atoms.

3. The method according to claim 2, wherein the hydroxycarboxylic acid partial ester comprises an ester of a hydroxycarboxylic acid and a fatty alcohol having from 6 to 22 carbon atoms.

4. The method according to claim 2, wherein the alk(en)yl oligoglycoside and the hydroxycarboxylic acid partial ester are combined in a weight ratio of from 25:75 to 75:25.

5. The method according to claim 3, wherein the hydroxycarboxylic acid partial ester comprises a salt thereof selected from the group consisting of alkali metal, alkaline earth metal, ammonium, alkylammonium, alkanolammonium and glucammonium salts.

6. The method according to claim 1, wherein the hydroxycarboxylic acid partial ester comprises an ester of a hydroxycarboxylic acid selected from the group consisting of lactic acid, tartaric acid, malic acid, citric acid and self-condensation products thereof.

7. The method according to claim 6, wherein the hydroxycarboxylic acid partial ester comprises an ester of a hydroxycarboxylic acid and a fatty alcohol having from 6 to 22 carbon atoms.

8. The method according to claim 6, wherein the alk(en)yl oligoglycoside and the hydroxycarboxylic acid partial ester are combined in a weight ratio of from 25:75 to 75:25.

9. The method according to claim 7, wherein the hydroxycarboxylic acid partial ester comprises a salt thereof selected from the group consisting of alkali metal, alkaline earth metal, ammonium, alkylammonium, alkanolammonium and glucammonium salts.

10. The method according to claim 1, wherein the hydroxycarboxylic acid partial ester comprises an ester of a hydroxycarboxylic acid and a fatty alcohol having from 6 to 22 carbon atoms.

11. The method according to claim 1, wherein the hydroxycarboxylic acid partial ester comprises a salt thereof selected from the group consisting of alkali metal, alkaline earth metal, ammonium, alkylammonium, alkanolammonium and glucammonium salts.

12. The method according to claim 1, wherein the alk(en)yl oligoglycoside and the hydroxycarboxylic acid partial ester are combined in a weight ratio of from 1:99 to 99:1.

13. The method according to claim 1, wherein the alk(en)yl oligoglycoside and the hydroxycarboxylic acid partial ester are combined in a weight ratio of from 25:75 to 75:25.

14. The method according to claim 1, wherein the alk(en)yl oligoglycoside corresponds to the general formula (I):

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$$R'O\text{-}[G]_p \qquad (I)$$

wherein R' represents an alk(en)yl radical having from 4 to 22 carbon atoms, G represents a sugar moiety having from 5 or 6 carbon atoms and p is a number of from 1 to 10.

15. The method according to claim 7, wherein the hydroxycarboxylic acid partial ester comprises an ester of a hydroxycarboxylic acid and a fatty alcohol having a hydrocarbon portion which corresponds to the alk(en)yl radical represented by R'.

16. The method according to claim 15, wherein the alk(en)yl oligoglycoside and the hydroxycarboxylic acid partial ester are combined in a weight ratio of from 25:75 to 75:25.

17. The method according to claim 9, wherein the alk(en)yl oligoglycoside corresponds to the general formula (I):

$$R'O\text{-}[G]_p \qquad (I)$$

wherein R' represents an alk(en)yl radical having from 4 to 22 carbon atoms, G represents a sugar moiety having from 5 or 6 carbon atoms and p is a number of from 1 to 10.

18. The method according to claim 17, wherein the hydroxycarboxylic acid partial ester comprises an ester of a hydroxycarboxylic acid and a fatty alcohol having a hydrocarbon portion which corresponds to the alk(en)yl radical represented by R'.

19. A method of enhancing foam properties and skin compatibility of a cleaning composition, said method comprising:

(a) providing a cleaning composition comprising an alk(en)yl oligoglycoside corresponding to the general formula (I):

$$R'O\text{-}[G]_p \qquad (I)$$

wherein R' represents an alk(en)yl radical having from 4 to 22 carbon atoms, G

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represents a sugar moiety having from 5 or 6 carbon atoms and p is a number of from 1 to 10;

(b) providing a hydroxycarboxylic acid partial ester salt selected from the group consisting of alkali metal, alkaline earth metal, ammonium, alkylammonium, alkanolammonium and glucammonium salts, wherein the hydroxycarboxylic acid partial ester comprises an ester of a hydroxycarboxylic acid selected from the group consisting of lactic acid, tartaric acid, malic acid, citric acid and self-condensation products thereof, and a fatty alcohol having a hydrocarbon portion which corresponds to the alk(en)yl radical represented by R'; and

(c) combining the cleaning composition and the hydroxycarboxylic acid partial ester in a weight ratio of from 25:75 to 75:25.

20. A cleaning composition comprising:

(a) an alk(en)yl oligoglycoside corresponding to the general formula (I):

$$R'O\text{-}[G]_p \qquad (I)$$

wherein R' represents an alk(en)yl radical having from 4 to 22 carbon atoms, G represents a sugar moiety having from 5 or 6 carbon atoms and p is a number of from 1 to 10; and

(b) a hydroxycarboxylic acid partial ester.